

CLASS SPECIFICATION
County of Fairfax, Virginia

CLASS CODE: 5192 **TITLE:** ENVIRONMENTAL TECHNICIAN II **GRADE:** S-16

DEFINITION:

Under supervision, accepts, identifies, packages and coordinates disposal of hazardous waste chemicals from the Household Hazardous Waste (HHW) program; performs a variety of specialized tests and analyses related to the disposal of hazardous waste chemicals; maintains site and chemical inventory; and performs related work as required.

DISTINGUISHING CHARACTERISTICS OF THE CLASS:

The Environmental Technician II differs from the Environmental Technologist I in that the Environmental Technician II performs a variety of specialized tests and analyses related to the disposal of hazardous waste chemicals, whereas the Environmental Technologist I performs professional chemical, biochemical, microbiological, and physical tests and/or regulatory control on wastewater, streams, estuary, and/or industrial waste.

The Environmental Technician II differs from the Environmental Technician I in that the Environmental Technician II performs a variety of specialized tests and analyses related to the disposal of hazardous waste chemicals, whereas the Environmental Technician I performs standardized subprofessional tests on wastewater, streams, estuary, industrial waste samples, sediments, and air emissions.

ILLUSTRATIVE DUTIES:

Maintains site and chemical inventory according to Department of Transportation (DOT), Virginia Department of Environmental Quality (VADEQ), and Environmental Protection Agency (EPA) regulations and permit requirements;

Identifies and quantifies household hazardous waste (HHW) chemicals by chemical name or physical testing;

Separates chemicals by type within the broader categories of corrosives, flammables, toxics, and reactive;

Transports HHW between facilities and occasionally from off-site locations to the facility;

Analyzes for corrosivity, oxidation, PCB's, and trace metals using test kits, pH meters, or by assessing physical properties such as specific gravity or color;

Sorts, packages and labels all products according to DOT, VADEQ, and EPA regulations;

Prepares drums for storing various chemicals that are collected according to regulations and facility permit requirements;

Coordinates shipment of hazardous waste chemicals by contractor to permanent disposal facility;

Prepares and maintains detailed records of waste disposal;

Answers citizen questions regarding appropriate handling and disposal of hazardous materials.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of hazardous waste materials and chemicals, their packaging and disposal;
Knowledge of EPA Subtitle D and C regulations for collection and disposal of waste as well as Virginia Regulation 9 VAC 20-60-10 et seq. regarding hazardous waste collection, storage, treatment, and transportation;
Knowledge of hazardous waste testing methodologies;
Knowledge of safety regulations relating to the handling of hazardous waste chemicals;
Ability to wear required personal protective equipment including respirators and protective clothing;
Ability to collect samples for laboratory and quality control analysis;
Ability to identify organic compounds and toxic chemicals using established identification techniques;
Ability to operate a forklift;
Ability to prepare accurate and complete documentation required by regulatory agencies;
Ability to follow written and oral instructions;
Ability to work independently.

EMPLOYMENT STANDARDS:

Any combination of education, experience, and training equivalent to the following:
Graduation from high school or G.E.D. issued by a state department of education, with coursework in chemistry; PLUS
Three years experience in environmental work, such as processing chemicals and/or household hazardous waste, or acceptable laboratory experience.

CERTIFICATES AND LICENSES REQUIRED:

None.

NECESSARY SPECIAL REQUIREMENTS:

Adequate color perception is necessary to identify chemical changes.
Possession of a Class C Commercial Driver's license (CDL) with hazardous waste endorsement, for certain positions as identified to the Department of Human Resources, must be obtained within six (6) months of appointment date.

REVISED:	June 6, 2003
REVISED:	July 27, 1987
ESTABLISHED:	July 1977